



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
 United States Patent and Trademark Office
 Address: COMMISSIONER FOR PATENTS
 P.O. Box 1450
 Alexandria, Virginia 22313-1450
 www.uspto.gov

[Handwritten signature]

APPLICATION NUMBER	FILING OR 371 (c) DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
10/806,968	03/23/2004	Xiaoyu Xi	TI-34248

23494

TEXAS INSTRUMENTS INCORPORATED
 P O BOX 655474, M/S 3999
 DALLAS, TX 75265



CONFIRMATION NO. 2327

FORMALITIES LETTER



OC000000012870224

Date Mailed: 06/04/2004

NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

08/09/2004 BABRAHA1 00000062 200668 10806968

01 FC:1051 130.00 DA

FILED UNDER 37 CFR 1.53(b)

*Filing Date Granted***Items Required To Avoid Abandonment:**

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The oath or declaration is unsigned.
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(e) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.

The application is informal since it does not comply with the regulations for the reason(s) indicated below.

The required item(s) identified below must be timely submitted to avoid abandonment:

- Replacement drawings in compliance with 37 CFR 1.84 and 37 CFR 1.121 are required. The drawings submitted are not acceptable because:
 - Numbers, letters, and reference characters on the drawings must measure at least 0.32 cm (1/8 inch) in height. See Figure(s) 3,5.

SUMMARY OF FEES DUE:

Total additional fee(s) required for this application is **\$130** for a Large Entity

- **\$130** Late oath or declaration Surcharge.

Replies should be mailed to: Mail Stop Missing Parts
 Commissioner for Patents

P.O. Box 1450
Alexandria VA 22313-1450

A copy of this notice MUST be returned with the reply.

B. To

Customer Service Center

Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE



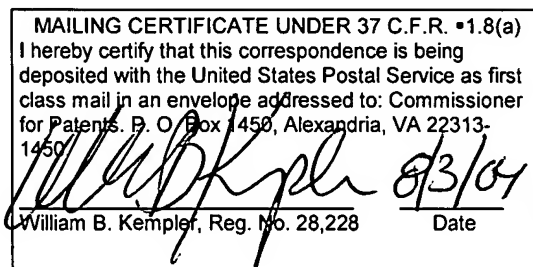
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Xi et al. Art Unit: TBD
Serial No.: 10/806,968 Examiner: TBD
Filed: 03/23/2004 Docket No.: TI-34248
Customer No.: 23494 Conf. No.: 2327
For: DETECTION CIRCUIT HAVING AN ADAPTIVE THRESHOLD

RESPONSE TO NOTICE TO FILE MISSING PARTS OF
NONPROVISIONAL APPLICATION

Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

Attn: Mail Stop Missing Parts



Dear Sir:

In response to the Notice to File Missing Parts of Nonprovisional Application dated 06/04/2004, submitted herewith is the executed Declaration and Power of Attorney. Please charge the \$130.00 surcharge fee to Deposit Account No. 20-0668. This authorization is enclosed in triplicate.

Also, submitted herewith is the executed Assignment with a cover sheet authorizing payment of the recordation fee of \$40.00 as well as three sheets of formal drawings.

Texas Instruments Incorporated
P.O. Box 655474, M/S 3999
Dallas, TX 75265
(972) 917-5452
Fax: (972) 917-4418

Respectfully submitted,


William B. Kempler
Senior Corporate Patent Counsel
Reg. No. 28,228